

Qy	61	DEPKLRLHOAPARAARAVFMCSLPPADSSFPELELRTAASGAPARYRHVHINEEVL	120
Db	61	DEPKLRLHOAPARAARAVFMCSLPPADSSFPELELRTAASGAPARYRHVHINEEVL	120
Qy	61	DEPKLRLHOAPARAARAVFMCSLPPADSSFPELELRTAASGAPARYRHVHINEEVL	120
Db	61	DEPKLRLHOAPARAARAVFMCSLPPADSSFPELELRTAASGAPARYRHVHINEEVL	120
Qy	121	LDAPVGLVARLADESSGVHVLRLPLPPTPMTSHIRYEVDSAGNAGSGVORVELLEGRTTE	180
Db	121	LDAPVGLVARLADESSGVHVLRLPLPPTPMTSHIRYEVDSAGNAGSGVORVELLEGRTTE	180
Qy	121	LDAPVGLVARLADESSGVHVLRLPLPPTPMTSHIRYEVDSAGNAGSGVORVELLEGRTTE	180
Db	121	LDAPVGLVARLADESSGVHVLRLPLPPTPMTSHIRYEVDSAGNAGSGVORVELLEGRTTE	180
Qy	181	CVLSNLNGRRTYTFAYVARRMAAEPSFGGFWAMSEPVSLTLPDDLD	225
Db	181	CVLSNLNGRRTYTFAYVARRMAAEPSFGGFWAMSEPVSLTLPDDLD	225
Qy	181	CVLSNLNGRRTYTFAYVARRMAAEPSFGGFWAMSEPVSLTLPDDLD	225
Db	181	CVLSNLNGRRTYTFAYVARRMAAEPSFGGFWAMSEPVSLTLPDDLD	225

RESULT 2

```

US-09-339-838-5
; Sequence 5, Application US/09339838
; GENERAL INFORMATION:
; APPLICANT: Bell, David N.
; APPLICANT: Mueller, Susan G.
; APPLICANT: Matthews, Kathryn E.
; TITLE OF INVENTION: The Efficient Culture of Stem Cells for the Production of Hemoglobin
; FILE REFERENCE: 6704-83
; CURRENT APPLICATION NUMBER: US/09/339, 838
; CURRENT FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: CA 2,260,332
; PRIOR FILING DATE: 1999-01-25
; PRIOR APPLICATION NUMBER: CA 2,241,576
; PRIOR FILING DATE: 1998-06-25
; NUMBER OF SEO ID NOS: 11
; SOFTWARE: PatentIn version 3.1
; SEO ID NO 5
; LENGTH: 438
; TYPE: PRT
; ORGANISM: Homo sapiens
; IS-09-339-838-5

```

Query Match	100.0%;	Score 1194;	DB 17;	Length 438;
Best Local Similarity	100.0%;	Pred. No. 4.5e-116;		
Matches 225; Conservative	0;	Mismatches	0;	Indels 0; Gaps 0

QY	1	APPNNDDPKFESKAALLAARGPELLICFPIERLEDIVCFMEENASAGVGGNGN	SFSYQLE	60
Db	25	APPNNDDPKFESKAALLAARGPELLICFPIERLEDIVCFMEENASAGVGGNGN <td>SFSYQLE</td> <td>84</td>	SFSYQLE	84
QY	61	DEPMKLCRLHOAPARGAVRFWCSLTPADTSSFPVLELRLTAA SGAPRYHRYHINEVYL		120
Db	85	DEPMKLCRLHOAPARGAVRFWCSLTPADTSSFPVLELRLTAA SGAPRYHRYHINEVYL		144
QY	121	LDAAPVGLVARLADESGHVLRWLPPEPTPMTSHIRYEVNDVSAGNGAGSVORVELLEGRT		180
Db	145	LDAAPVGLVARLADESGHVLRWLPPEPTPMTSHIRYEVNDVSAGNGAGSVORVELLEGRT		204
QY	181	CYLSNLNGRTRTYTFAVARARAAEPSPFGFGFMSAPSPVSLTLPSSDD		225
Db	205	CYLSNLNGRTRTYTFAVARARAAEPSPFGFGFMSAPSPVSLTLPSSDD		249

RESULT 3

```
US-08-474-673-2
; Sequence 2, Application US/08474673
GENERAL INFORMATION:
APPLICANT: Young, Peter R.
TITLE OF INVENTION: Method for Obtaining Receptor Agonists
TITLE OF INVENTION: Antibodies
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: SmithKline Beecham Corporation- Corporate
ADDRESS: Patents
STREET: 709 Swedeland Road
CITY: King of Prussia
STATE: Pennsylvania
COUNTRY: USA
```

```

? ZIP: 19406-2799
? COMPUTER READABLE FORM:
? MEDIUM TYPE: Floppy disk
? COMPUTER: IBM PC compatible
? OPERATING SYSTEM: PC-DOS/MS-DOS
? SOFTWARE: Patentin Release #1.0, Version #1.30
? CURRENT APPLICATION DATA: 00474, 000

```

Query Match	100.0%;	Score 1194;	DB 8;	Length 488;
Best Local Similarity	100.0%;	Pred. No. 5.2e-116;		
Matches 225;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;

QY	1	APPNLDPPKFESEAALLAARGPELLCFLFERLEDVLCFMEEAASAGVGGNSSFQLE	60
Db	25	APPNLDPPKFESEAALLAARGPELLCFLFERLEDVLCFMEEAASAGVGGNSSFQLE	84
QY	61	DEPKLCRLHOAPTARGAVRFWCSLPTADTSSFPVLELRVTAASGADRYHRVTHINEVYL	120
Db	85	DEPKLCRLHOAPTARGAVRFWCSLPTADTSSFPVLELRVTAASGADRYHRVTHINEVYL	144
QY	121	LDAPVGLVARLADBSGVHVLRLPLPPETPMTSHIRYEDVYSAGNGAGSVORVELLEGRTE	180
Db	145	LDAPVGLVARLADBSGVHVLRLPLPPETPMTSHIRYEDVYSAGNGAGSVORVELLEGRTE	204
QY	181	CVLSNLGRRTYTFAVBARMAEPEFGGFWMSWSPVLLLPSSDD	225
Db	205	CVLSNLGRRTYTFAVBARMAEPEFGGFWMSWSPVLLLPSSDD	249

RESULT 4

US-08-960-733-2
Sequence 2, Application US/08960733
GENERAL INFORMATION:
APPLICANT: Young, Peter R.
TITLE OF INVENTION: Method for Obtaining Receptor Agonists
TITLE OF INVENTION: Antibodies
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: SmithKline Beecham Corporation- Corporate
ADDRESSEE: Patents
STREET: 709 Swedeland Road
CITY: King of Prussia
STATE: Pennsylvania
COUNTRY: USA
ZIP: 19406-2799
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/960,733
FILING DATE:
CLASSIFICATION: 424
PRIOR APPLICATION DATA:

```

1      APPLICATION NUMBER: 08/474,673
2
3      FILING DATE:
4
5      ATTORNEY/AGENT INFORMATION:
6
7      NAME: Jervis, Herbert H.
8
9      REGISTRATION NUMBER: 31,171
10
11     REFERENCE/DOCKET NUMBER: SBC P50349
12
13     TELECOMMUNICATION INFORMATION:
14
15     TELEPHONE: 215-270-5015
16
17     TELEFAX: 215-270-5090
18
19     INFORMATION FOR SEQ. ID NO: 2:
20
21     SEQUENCE CHARACTERISTICS:
22
23     LENGTH: 488 amino acids
24
25     TYPE: amino acid
26
27     TOPOLOGY: linear
28
29     MOLECULE TYPE: protein
30
31     OS-08-960-733-2

```

Query Match	100.0%	Score 1194	DB 13	Length 488
Best Local Similarity	100.0%	Pred. No. 5.2e-116		
Matches 225	Conservative 0	Mismatches 0	Indels 0	Gaps 0

QY	1	APPENDPKRESAAALLAARGPELLCFFTERLEDYCPMEEASASAVGONGNSFSTOLE	60
Db	25	APPENDPKRESAAALLAARGPELLCFFTERLEDYCPMEEASASAVGONGNSFSTOLE	84
QY	61	DEPKLCRLHOAPTARGAVRFMCSLPTADTSSFFVPELRLRTAAAGARYHRVHINEVVL	120
Db	85	DEPKLCRLHOAPTARGAVRFMCSLPTADTSSFFVPELRLRTAAAGARYHRVHINEVVL	144
QY	121	LDAVGLVARLADESGHVLLRLPPEPTPMTSHIRYEVVDSAGNAGSVORVELLEGTE	180
Db	145	LDAVGLVARLADESGHVLLRLPPEPTPMTSHIRYEVVDSAGNAGSVORVELLEGTE	204
QY	181	CVSLNLRGRTRYTFAVABARMAEPSEFGFWSMSPVSLTLRPSDLD	225
Db	205	CVSLNLRGRTRYTFAVABARMAEPSEFGFWSMSPVSLTLRPSDLD	249

```

1      RESULT      5
2      US-09-016-159-5
3      ; Sequence 5, Application US/09016159
4      ; GENERAL INFORMATION:
5      APPLICANT: Lee, Jong Y.
6      TITLE OF INVENTION: PURIFIED HUMAN ERYTHROPOIETIN RECEPTOR
7      TITLE OF INVENTION: PROTEIN FRAGMENT AND ANTIBODIES DERIVED THEREFROM
8      NUMBER OF SEQUENCES: 5
9      CORRESPONDENCE ADDRESS:
10     ADDRESSEE: Fish & Richardson P.C., P.A.
11     STREET: 60 South Sixth Street, Suite 3300
12     CITY: Minneapolis
13     STATE: MN
14     COUNTRY: USA
15     ZIP: 55402
16     COMPUTER READABLE FORM:
17     MEDIUM TYPE: Floppy disk
18     COMPUTER: IBM compatible
19     OPERATING SYSTEM: DOS
20     SOFTWARE: FastSeq for Windows Version 2.0
21     CURRENT APPLICATION DATA:
22     APPLICATION NUMBER: US/09/016.159
23     FILING DATE: 30-JAN-1998
24     PRIOR APPLICATION DATA:
25     APPLICATION NUMBER: 08/876,227
26     FILING DATE: 16-JUN-1997
27     PRIOR APPLICATION DATA:
28     APPLICATION NUMBER: 08/734,097
29     FILING DATE: 21-OCT-1996
30     PRIOR APPLICATION DATA:
31     APPLICATION NUMBER: 08/460,525
32     FILING DATE: 02-JUN-1995
33     ATTORNEY/AGENT INFORMATION:
34     NAME: Ellinger, Mark S.

```

```

:      REGISTRATION NUMBER: 34,812
:      REFERENCE/DOCKET NUMBER: 07004/002003
:
:      TELECOMMUNICATION INFORMATION:
:
:      TELEPHONE: 612/335-5070
:
:      TELEFAX: 612/288-9696
:
:      INFORMATION FOR SEO ID NO: 5:
:
:      SEQUENCE CHARACTERISTICS:
:      LENGTH: 508 amino acids
:      TYPE: amino acid
:      TOPOLOGY: linear
:
:      MOLECULE TYPE: protein
:
: JS-09-016-159-5

```

Query Match	99.4%	Score 1187	- DB 14	Length 508
Best Local Similarity	99.6%	Pred. No. 3e-115		
Matches 224	Conservative 0	Mismatches 1	Indels 0	Gaps 0

QY	1	APPENUDPKRESKAALLAARGPELLICFPIERLEDIVCFMEEPAASAGVGGANSFSFQLE	60
Db	25	APPENUDPKRESKAALLAARGPELLICFPIERLEDIVCFMEEPAASAGVGGANSFSFQLE	84
QY	61	DEPKLCRLHOAPFARGAVRWCSLPADTSSFPVLELRTYTAASGAPRYRHVINEVYL	120
Db	85	DEPKLCRLHOAPFARGAVRWCSLPADTSSFPVLELRTYTAASGAPRYRHVINEVYL	144
QY	121	LDAPVGLVARLADSGHVLRWLPPEPTPMTSHIRYEVVDVSAGNGAGSVORVEILBGRTE	180
Db	145	LDAPVGLVARLADSGHVLRWLPPEPTPMTSHIRYEVVDVSAGNGAGSVORVEILBGRTE	204
QY	181	CVLSENLRGRRTYTFAVVARMAEPEFEGFWSMASEPVLLPPSOLD	225
Db	205	CVLSENLRGRRTYTFAVVARMAEPEFEGFWSMASEPVLLPPSOLD	249

RESULT 6
 US-09-058-429-5
 Sequence 5, Application US/09058429
 GENERAL INFORMATION:
 APPLICANT: Lee, Jong Y.
 TITLE OF INVENTION: PURIFIED HUMAN ERYTHROPOIETIN RECEPTOR
 TITLE OF INVENTION: PROTEIN FRAGMENT AND ANTIBODIES DERIVED THEREFROM
 NUMBER OF SEQUENCES: 5
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Fish & Richardson P.C., P.A.
 STREET: 60 South Sixth Street, Suite 3300
 CITY: Minneapolis
 STATE: MN
 COUNTRY: USA
 ZIP: 55402
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FASTSEQ for Windows Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/058,429
 FILING DATE: 10-APR-1998
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 09/016,159
 FILING DATE: 30-JAN-1998
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/876,227
 FILING DATE: 16-JUN-1997
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/734,097
 FILING DATE: 21-OCT-1996
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/460,525
 FILING DATE: 02-JUN-1995
 ATTORNEY/AGENT INFORMATION:
 NAME: Ellinger, Mark S.

```

: REGISTRATION NUMBER: 34,812
: REFERENCE/DOCKET NUMBER: 07004/0020003
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 612/235-5070
: TELEFAX: 612/288-9696
: INFORMATION FOR SEQ ID NO: 5:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 508 amino acids
: TYPE: amino acid
: TOPOLOGY: linear
: MOLECULE TYPE: protein
: OS-09-058-429-5

```

Query Match	99.4%	Score 1187	DB 14	Length 508
Best Local Similarity	99.6%	Pred. No. 3e-115		
Matches 224	Conservative 0	Mismatches 1	Indels 0	Gaps 0

QY	1	APPNNLDDPKFSESAALLAARGPELLICFTEHREDLVCFFMEEAASAGVGGNYSFSTOLE	60
Db	25	APPNNLDDPKFSESAALLAARGPELLICFTEHREDLVCFFMEEAASAGVGGNYSFSTOLE	84
QY	61	DEPWKLCRLHQAPTAARGAVRFWCSLPTADTSSFVPELELRYTAASGABRYHRIHNEVVL	120
Db	85	DEPWKLCRLHQAPTAARGAVRFWCSLPTADTSSFVPELELRYTAASGABRYHRIHNEVVL	144
QY	121	LDAFVGLVARLADSSGHVYLRMLPPEPTPMTSHIRYEVVDYSAGNGAGSVORVELLSGRTE	180
Db	145	LDAFVGLVARLADSSGHVYLRMLPPEPTPMTSHIRYEVVDYSAGNGAGSVORVELLSGRTE	204
QY	181	CVLSNLGRRRTYTFAYVARMAEPSEFGGFWAMASPEVLLPSDD	225
Db	205	CVLSNLGRRRTYTFAYVARMAEPSEFGGFWAMASPEVLLPSDD	249

```

RESULT      7
US-09-339-838-7
: Sequence 7, Application US/09339838
: GENERAL INFORMATION:
: APPLICANT: Bell, David N.
: APPLICANT: Mueller, Susan G.
: APPLICANT: Matthews, Kathryn E.
: TITLE OF INVENTION: The Efficient Culture of Stem Cells for the Production of Hemoglob
: FILE REFERENCE: 6704-83
: CURRENT APPLICATION NUMBER: US/09/339,838
: CURRENT FILING DATE: 1999-06-25
: PRIOR APPLICATION NUMBER: CA 2,260,332
: PRIOR FILING DATE: 1999-01-25
: PRIOR APPLICATION NUMBER: CA 2,241,576
: PRIOR FILING DATE: 1998-06-25
: NUMBER OF SEQ ID NOS: 11
: SOFTWARE: PatentIn version 3.1
: SEQ ID NO 7
: LENGTH: 438
: TYPE: PR1
: ORGANISM: Homo sapiens
: US-09-339-838-7

```

Query Match	99.38;	Score 1186;	DB 17;	Length 438;
Best Local Similarity	99.68;	Pred. No. 3.1e115;		
Matches 224;	Conservative 0;	Mismatches 1;	Indels 0;	Gaps 0;

QY	1	APPNNDDPKFESKAALLAARGPELLICFPIREBLEDIVCFMEDEASASAVGNGNSFSFQLE	60
QY	25	APPNNDDPKFESKAALLAARGPELLICFPIREBLEDIVCFMEDEASASAVGNGNSFSFQLE	84
QY	61	DEPWKLCRLHQAPTARGAVRWCSSLPTADISSFVPELRLRTAASGABRYHRVHINEVVL	120
QY	85	DEPWKLCRLHQAPTARGAVRWCSSLPTADISSFVPELRLRTAASGABRYHRVHINEVVL	144
QY	121	LDAFVGLVARLADESGHVLRLPPEETPMTHSHREVDVSAGNGAGSVORVELLGGRTG	180

Db 145 LDAPGVLAACDESGHVLRLMPEPEIPMISHLRIEVDVSAGAGASVQVEILLEGRT 205

QY 181 CVLSNLGRGRTYTFAYARRAMEPSEFGGFWMSAMSEPVSLITPSSDL 225

Db 205 CVLSNLGRGRTYTFAYARRAMEPSEFGGFWMSAMSEPVSLITPSSDL 249

```

RESULT      8
US-09-452-565-6
: Sequence 6, Application US/09452565
: GENERAL INFORMATION:
: APPLICANT: Anderson, Stephen F.
: APPLICANT: Nash, Huw M.
: APPLICANT: Felsch, Jason S.
: TITLE OF INVENTION: ERYTHROPOIETIN RECEPTOR CHIMERA
: FILE REFERENCE: 10845/011001
: CURRENT APPLICATION NUMBER: US/09/452,565
: CURRENT FILING DATE: 1999-12-01
: NUMBER OF SEQ. ID NOS.: 16
: SOFTWARE: FastSeq for Windows Version 4.0
: SEQ. ID NO. 6
: LENGTH: 220
: TYPE: PRT
: ORGANISM: Homo sapiens
: US-09-452-565-6

```

Query Match	97.5%	Score 1164:	DB 18	Length	220;
Best Local Similarly	99.5%	Pred. No. 2.4e-113			
Matches 219; Conservative	1;	Mismatches	0;	Gaps	0;

QY	1	APPNLPDPKREKESAAALIAAGPELLCFTRELDLYC FMEEAASAGVPEPNSFSYOLE	60
Db	1	APPNLPDPKREKESAAALIAAGPELLCFTRELDLYC FMEEAASAGVPEPNSFSYOLE	60
QY	61	DEPMKLCRLHOAPTARGAVREWCSLPTADSSFPVLELRVTAASGAPRYHRVHINEVYL	120
Db	61	DEPMKLCRLHOAPTARGAVREWCSLPTADSSFPVLELRVTAASGAPRYHRVHINEVYL	120
QY	121	LDAPVGLVARIADBSGHVYLRMLPEPPEPMTSHRIYEDVDSAGNAGASSVQREVLLEGRT	180
Db	121	LDAPVGLVARIADBSGHVYLRMLPEPPEPMTSHRIYEDVDSAGNAGASSVQREVLLEGRT	180
QY	181	CVLNLRGRTRYTEAVRRAMAEPFSGGWSMASEPVSLT	220
Db	181	CVLNLRGRTRYTEAVRRAMAEPFSGGWSMASEPVSLT	220

```

RESULT 9
US-09-452-565-3
: Sequence 3, Application US/09452565
: GENERAL INFORMATION:
: APPLICANT: Anderson, Stephen F.
: APPLICANT: Nash, Huw M.
: APPLICANT: Felsch, Jason S.
: TITLE OF INVENTION: ERYTHROPOIETIN RECEPTOR CHIMERA
: FILE REFERENCE: 10845/011001
: CURRENT APPLICATION NUMBER: US/09/452,565
: CURRENT FILING DATE: 1999-12-01
: NUMBER OF SEQ ID NOS: 16
: SOFTWARE: FastSeq for Windows Version 4.0
: SEQ ID NO 3
: LENGTH: 268
: TYPE: PRT
: ORGANISM: Artificial Sequence
: FEATURE:
: NAME/KEY: -
: OTHER INFORMATION: fusion protein including erythropoietin receptor extracellular
: US-09-452-565-3

```

Query Match	97.58; Score 1164; DB 18; Length 268;
-------------	---------------------------------------

Best Local Similarity 99.5%; Pred. No. 3.2e-113;
Matches 219; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

```
OY 1 APPNLPDPKFEKSAALLAARGPEELLCTERLEDVCFWEBAASAGVPGNYSFYOLEDEPKLCRL 60
    |||||||
DB 41 APPNLPDPKFEKSAALLAARGPEELLCTERLEDVCFWEBAASAGVPGNYSFYOLE 100
OY 61 DEPMKLCRLHQAPRTARGAVRFWCSLPTADTSSFPVLELRVTAAAGAPRYHVIHINEVYL 120
    |||||||
DB 101 DEPMKLCRLHQAPRTARGAVRFWCSLPTADTSSFPVLELRVTAAAGAPRYHVIHINEVYL 160
OY 121 LDAPVGLVARLADSGHVLRMLPPETPMTSHIRYEVDSAGNGASVQVREILLEGRTE 180
    |||||||
DB 161 LDAPVGLVARLADSGHVLRMLPPETPMTSHIRYEVDSAGNGASVQVREILLEGRTE 220
OY 181 CVLSNLRGRTRTYTFAVRARMAEPSPGFGFWSAMSEPVSLT 220
    |||||||
DB 221 CVLSNLRGRTRTYTFAVRARMAEPSPGFGFWSAMSEPVSLT 260
```

RESULT 10
US-09-452-565-1

```
; Sequence 1, Application US/09452565
; GENERAL INFORMATION:
; APPLICANT: Anderson, Stephen F.
; APPLICANT: Nash, Huw M.
; APPLICANT: Felsch, Jason S.
; TITLE OF INVENTION: ERYTHROPOIETIN RECEPTOR CHIMERA
; FILE REFERENCE: 10845/011001
; CURRENT APPLICATION NUMBER: US/09/452,565
; CURRENT FILING DATE: 1999-12-01
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 676
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: -
; OTHER INFORMATION: fusion protein including erythropoietin receptor extracellular
; OTHER INFORMATION: domain, maltose binding proteins, linker, and GCM4 leucine
; OTHER INFORMATION: zipper domain
US-09-452-565-1
```

Query Match 97.5%; Score 1164; DB 18; Length 676;
Best Local Similarity 99.5%; Pred. No. 1.2e-112;
Matches 219; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

```
OY 1 APPNLPDPKFEKSAALLAARGPEELLCTERLEDVCFWEBAASAGVPGNYSFYOLE 60
    |||||||
DB 419 APPNLPDPKFEKSAALLAARGPEELLCTERLEDVCFWEBAASAGVPGNYSFYOLE 478
OY 61 DEPMKLCRLHQAPRTARGAVRFWCSLPTADTSSFPVLELRVTAAAGAPRYHVIHINEVYL 120
    |||||||
DB 479 DEPMKLCRLHQAPRTARGAVRFWCSLPTADTSSFPVLELRVTAAAGAPRYHVIHINEVYL 538
OY 121 LDAPVGLVARLADSGHVLRMLPPETPMTSHIRYEVDSAGNGASVQVREILLEGRTE 180
    |||||||
DB 539 LDAPVGLVARLADSGHVLRMLPPETPMTSHIRYEVDSAGNGASVQVREILLEGRTE 598
OY 181 CVLSNLRGRTRTYTFAVRARMAEPSPGFGFWSAMSEPVSLT 220
    |||||||
DB 599 CVLSNLRGRTRTYTFAVRARMAEPSPGFGFWSAMSEPVSLT 638
```

RESULT 11
US-09-502-984-2

```
; Sequence 2, Application US/09502984
; GENERAL INFORMATION:
; APPLICANT: Luo, Peizhi
; TITLE OF INVENTION: STRUCTURE-BASED SCREENING TECHNIQUES FOR DRUG DISCOVERY
; FILE REFERENCE: A-68126-1/RET/RMS/RMK
```

CURRENT APPLICATION NUMBER: US/09/502,984
CURRENT FILING DATE: 2000-02-11

```
; PRIOR APPLICATION NUMBER: 60/120,009
; PRIOR FILING DATE: 1999-02-11
; PRIOR APPLICATION NUMBER: 60/131,674
; PRIOR FILING DATE: 1999-04-29
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 211
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-502-984-2
```

Query Match 93.1%; Score 1112; DB 19; Length 211;
Best Local Similarity 100.0%; Pred. No. 6.7e-108;
Matches 211; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```
OY 10 KFESKAALLAARGPEELLCTERLEDVCFWEBAASAGVPGNYSFYOLEDEPKLCRL 69
    |||||||
DB 1 KFESKAALLAARGPEELLCTERLEDVCFWEBAASAGVPGNYSFYOLEDEPKLCRL 60
OY 70 HQAPRTARGAVRFWCSLPTADTSSFPVLELRVTAAAGAPRYHVIHINEVYLLDAPVGLVA 129
    |||||||
DB 61 HQAPRTARGAVRFWCSLPTADTSSFPVLELRVTAAAGAPRYHVIHINEVYLLDAPVGLVA 120
OY 130 RLADSGHVLRMLPPETPMTSHIRYEVDSAGNGASVQVREILLEGRTECVLSNLGR 189
    |||||||
DB 121 RLADSGHVLRMLPPETPMTSHIRYEVDSAGNGASVQVREILLEGRTECVLSNLGR 180
OY 190 TRYTFVARARMAEPSPGFGFWSAMSEPVSLT 220
    |||||||
DB 181 TRYTFVARARMAEPSPGFGFWSAMSEPVSLT 211
```

RESULT 12
US-09-502-984-18

```
; Sequence 18, Application US/09502984
; GENERAL INFORMATION:
; APPLICANT: Luo, Peizhi
; TITLE OF INVENTION: STRUCTURE-BASED SCREENING TECHNIQUES FOR DRUG DISCOVERY
; FILE REFERENCE: A-68126-1/RET/RMS/RMK
; CURRENT APPLICATION NUMBER: US/09/502,984
; CURRENT FILING DATE: 2000-02-11
; PRIOR APPLICATION NUMBER: 60/120,009
; PRIOR FILING DATE: 1999-02-11
; PRIOR APPLICATION NUMBER: 60/131,674
; PRIOR FILING DATE: 1999-04-29
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 18
; LENGTH: 211
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
US-09-502-984-18
```

Query Match 92.1%; Score 1100; DB 19; Length 211;
Best Local Similarity 99.1%; Pred. No. 1.2e-106;
Matches 209; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```
OY 10 KFESKAALLAARGPEELLCTERLEDVCFWEBAASAGVPGNYSFYOLEDEPKLCRL 69
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DB 1 KFESKAALLAARGPEELLCTERLEDVCFWEBAASAGVPGNYSFYOLEDEPKLCRL 60
OY 70 HQAPRTARGAVRFWCSLPTADTSSFPVLELRVTAAAGAPRYHVIHINEVYLLDAPVGLVA 129
    |||||||
DB 61 HQAPRTARGAVRFWCSLPTADTSSFPVLELRVTAAAGAPRYHVIHINEVYLLDAPVGLVA 120
OY 130 RLADSGHVLRMLPPETPMTSHIRYEVDSAGNGASVQVREILLEGRTECVLSNLGR 189
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; OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
US-09-502-984-12
; Sequence 12, Application US/09502984
; GENERAL INFORMATION:
; APPLICANT: Luo, Peizhi
; TITLE OF INVENTION: STRUCTURE-BASED SCREENING TECHNIQUES FOR DRUG DISCOVERY
; FILE REFERENCE: A-68126-1/RT/RMS/RMK
; CURRENT APPLICATION NUMBER: US/09/502,984
; CURRENT FILING DATE: 2000-02-11
; PRIOR APPLICATION NUMBER: 60/120,009
; PRIOR FILING DATE: 1999-02-11
; PRIOR APPLICATION NUMBER: 60/131,674
; PRIOR FILING DATE: 1999-04-29
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 7
; LENGTH: 211
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
US-09-502-984-7

Query Match
Best Local Similarity 92.0%; Score 1099; DB 19; Length 211;
Best Local Similarity 98.1%; Pred. No. 1,6e-106;
Matches 207; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 10 KFEKKAALLAARGPEELLCTFTELEDVLCFWEBAASAGVPGNYSFYOLEDEPMKLCRL 69
DB 1 KFEKKAALLAARGPEELLCTFTELEDVLCFWEBAASAGVPGNYSFYOLEDEPMKLCRL 60
QY 70 HQAPTARGAVRFWCSLPTADTSSFVPLELRVTAASGAPRYHRVTHINEVLLDAPVGLVA 129
DB 61 HQAPTARGAIVRFWCSLPTADTSSFVPLELRVTAASGAPRYHRVTHINEVLLDAPVGLVA 120
QY 130 RLADSGHVLLRWLPPEPTPMTSHIREYDVDSAGNAGSVQVREILLEGRTCVLSMLRGR 189
DB 121 RLADSGHVLLRWLPPEPTPMTSHIREYDVDSAGNAGSVQVREILLEGRTCVLSMLRGR 180
QY 190 TRTFAVARRAMAEPSFGFWSAMSEPVSLLT 220
DB 181 TRTFAVARRAMAEPSFGFWSAMSEPVSLLT 211

RESULT 14
US-09-502-984-12
; Sequence 12, Application US/09502984
; GENERAL INFORMATION:
; APPLICANT: Luo, Peizhi
; TITLE OF INVENTION: STRUCTURE-BASED SCREENING TECHNIQUES FOR DRUG DISCOVERY
; FILE REFERENCE: A-68126-1/RT/RMS/RMK
; CURRENT APPLICATION NUMBER: US/09/502,984
; CURRENT FILING DATE: 2000-02-11
; PRIOR APPLICATION NUMBER: 60/120,009
; PRIOR FILING DATE: 1999-02-11
; PRIOR APPLICATION NUMBER: 60/131,674
; PRIOR FILING DATE: 1999-04-29
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 211
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
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; OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
US-09-502-984-13
; Sequence 13, Application US/09502984
; GENERAL INFORMATION:
; APPLICANT: Luo, Peizhi
; TITLE OF INVENTION: STRUCTURE-BASED SCREENING TECHNIQUES FOR DRUG DISCOVERY
; FILE REFERENCE: A-68126-1/RT/RMS/RMK
; CURRENT APPLICATION NUMBER: US/09/502,984
; CURRENT FILING DATE: 2000-02-11
; PRIOR APPLICATION NUMBER: 60/120,009
; PRIOR FILING DATE: 1999-02-11
; PRIOR APPLICATION NUMBER: 60/131,674
; PRIOR FILING DATE: 1999-04-29
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 13
; LENGTH: 211
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
US-09-502-984-13

Query Match
Best Local Similarity 91.8%; Score 1096; DB 19; Length 211;
Best Local Similarity 97.6%; Pred. No. 3,2e-106;
Matches 206; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 10 KFEKKAALLAARGPEELLCTFTELEDVLCFWEBAASAGVPGNYSFYOLEDEPMKLCRL 69
DB 1 KFEKKAALLAARGPEELLCTFTELEDVLCFWEBAASAGVPGNYSFYOLEDEPMKLCRL 60
QY 70 HQAPTARGAVRFWCSLPTADTSSFVPLELRVTAASGAPRYHRVTHINEVLLDAPVGLVA 129
DB 61 HQAPTARGAIVRFWCSLPTADTSSFVPLELRVTAASGAPRYHRVTHINEVLLDAPVGLVA 120
QY 130 RLADSGHVLLRWLPPEPTPMTSHIREYDVDSAGNAGSVQVREILLEGRTCVLSMLRGR 189
DB 121 RLADSGHVLLRWLPPEPTPMTSHIREYDVDSAGNAGSVQVREILLEGRTCVLSMLRGR 180
QY 190 TRTFAVARRAMAEPSFGFWSAMSEPVSLLT 220
DB 181 TRTFAVARRAMAEPSFGFWSAMSEPVSLLT 211

Search completed: August 28, 2002, 17:37:38
Job time: 514 sec
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